

CDMA 2000 1x Based EVDO Rev A Data Card

**Make: Easlink Info Limited.
Model: UE100.**



User Manual

Rev.1.0

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1 Introduction

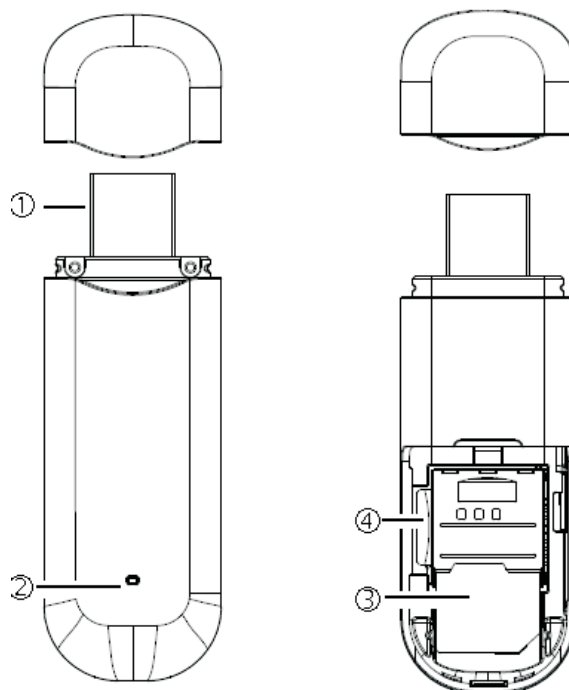
UE100 is a CDMA EVDO Rev.A Modem. It is compatible with all latest Windows Operating Systems that makes the Modem perfect solution for users. It also supports Linux OS (ubuntu) and MAC OS.

2 Features

- z Compact and sleek dongle design
- z Supports plug & Play feature in Windows 2000, Windows XP, Vista and Win 7. Also supports Linux (ubuntu) and MAC.
- z Supports Download speed up to 3.1 Mbps in EVDO mode and 153.6 Kbps in CDMA 2000 1x Mode.

3 Product Overview:

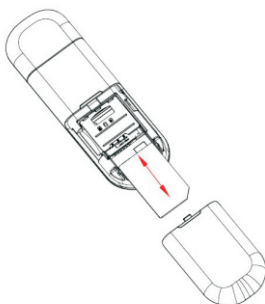
1. Overview:



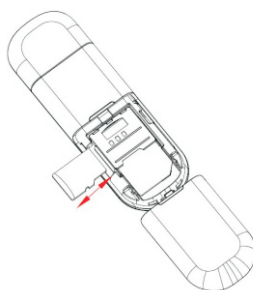
1. USB Connector.
2. Indicator.
3. R-UIM Card Holder
4. MicroSD Card Holder (Micro SD Card not supplied)

NOTE: Antenna is provided on the shell of modem. User should never disturb the top and bottom shell of the modem.

2. R-UIM Card Installation:



3. Micro SD Card Installation:



4. Packing Content:

- ¾ CDMA EVDO Rev.A Dongle
- ¾ User Manual

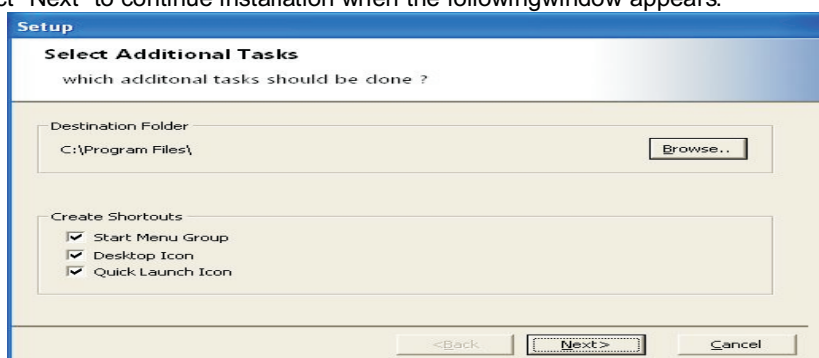
5. Minimum System Requirements:

- ¾ Windows XP, Windows Vista, Windows 7, Windows 2000
- ¾ Standard USB 2.0 interface
- ¾ Screen Resolution: 800 by 600 pixels

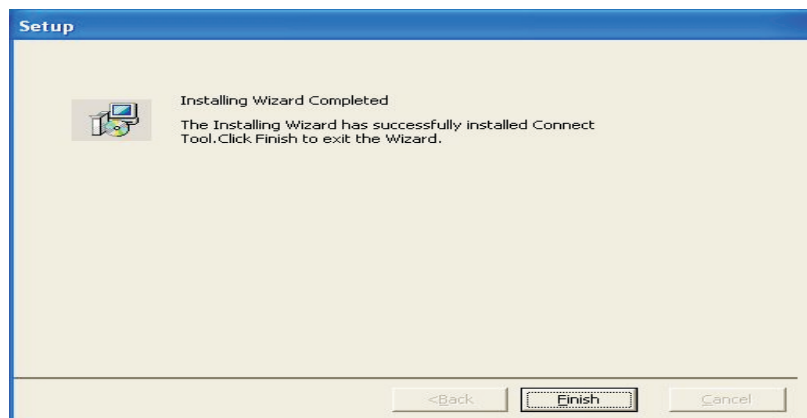
4 BSNL Connection Manager Installation:

Once the RUIM card is inserted, the BSNL Connection Manager can be installed.

- ¾ Attach the Device to PC in any USB port. The installation window will pop up.
- ¾ If the installing window is not pop up automatically, go to My Computer and select "BSNL EVDO Data card".
- ¾ Double click on "setup.exe" to start the installation.
- ¾ Select "Next" to continue installation when the following window appears.



On completion of drivers' installation, the following message will appear on your screen. Select "Finish" to complete the drivers installation.



On finishing the installation, "BSNL Connection Manager" will automatically pop up. Wait till "Device Ready" message appears in BSNL Connection Manager.

NOTE:

- ¾ Make sure that you insert an activated BSNL RUIM card in the data card.
- ¾ If R-UIM card is not inserted in the Data Card, "Please Insert R-UIM card" message is displayed.
- ¾ If Installation window is not pop up automatically, user to make sure that auto plug & play option is enabled in PC.
- ¾ Also verify antivirus settings.

5 Basic functions and features of the BSNL Connection Manager:

1. Launching the Connection Manager:

To Launch "BSNL Connection Manager", double-click the shortcut icon on desktop.

2. Connection Manager Overview:


The main window of BSNL Connection Manager is as below.

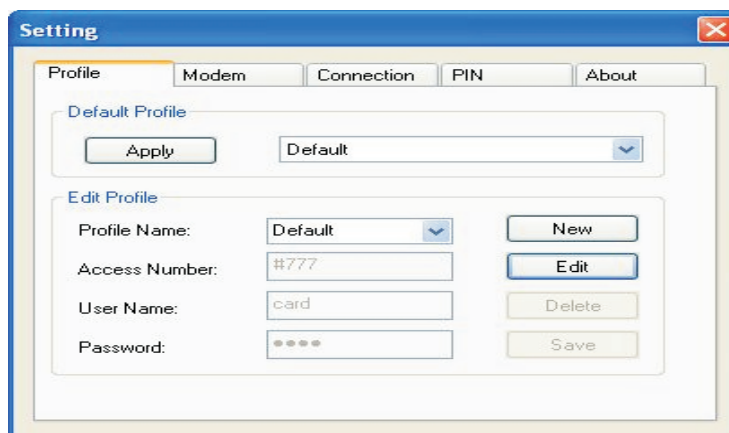


3. Connect:

3.1 Set up a profile:

Follow the following procedure to create profile for connecting to BSNL EVDO Network.

1. Click on  icon and Select ,Profile>. Default Profile is displayed as shown below



2. Select <Edit> to make the changes in current profile or Select <New> to create a new Profile.
3. Enter "User Name" and "Password" provided by BSNL. Access Number is "#777".
4. After you finish the entry of Access Number, User name and Password, Select ® Save ® Apply to make the setting apply for your data card.

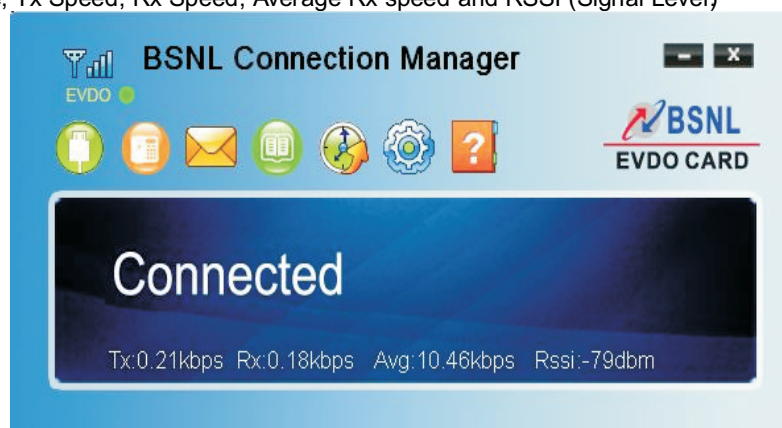
3.2 Connecting to Internet:

Click on < **connect** > icon  to connect to Internet.

Note: If user clicks on "Connect" icon, without inserting RUI in data Card, the following error message is displayed.



If the connection is successful, the following message will appear in BSNL Connection Manager. The display contains the information like, Tx Speed, Rx Speed, Average Rx speed and RSSI (Signal Level)




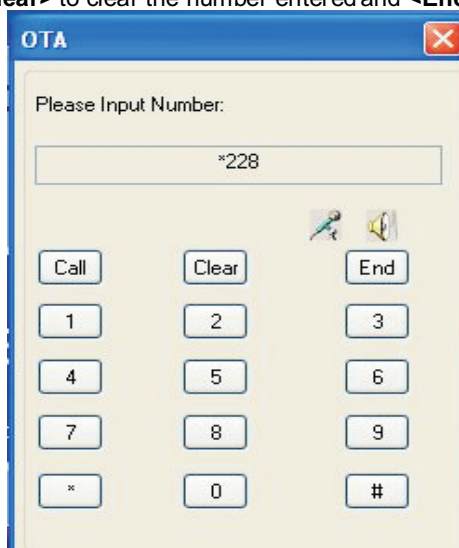
Apart from the above, there is also LED indication for NetworkStatus. LED indication for different network status is as follows.

| | | | |
|---|-------|---|--|
| ¾ | RED | : | RED LED Indication with no signal bars indicates “No Network” / “ No Service”. |
| ¾ | Blue | : | Blue LED Indicates connection to 1x Network. |
| ¾ | Green | : | Green LED Indicates connection to EVDO network. ⁱ |


NOTE: When modem is connected and disconnected, “Audio” is heard on PC/Laptop.

4. OTA:

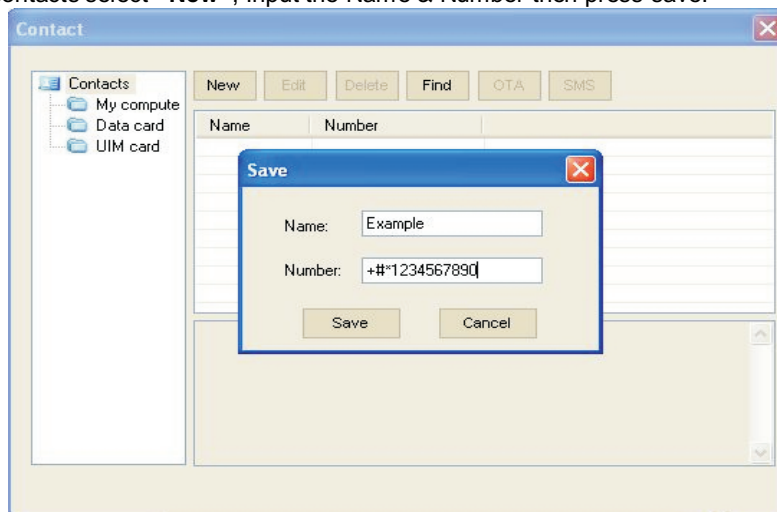
Click on **<OTA>** icon  to input a number for using different types of network services like *228 ... etc. Press **<Call>** to establish connection with network, **<Clear>** to clear the number entered and **<End>** to End the connection.



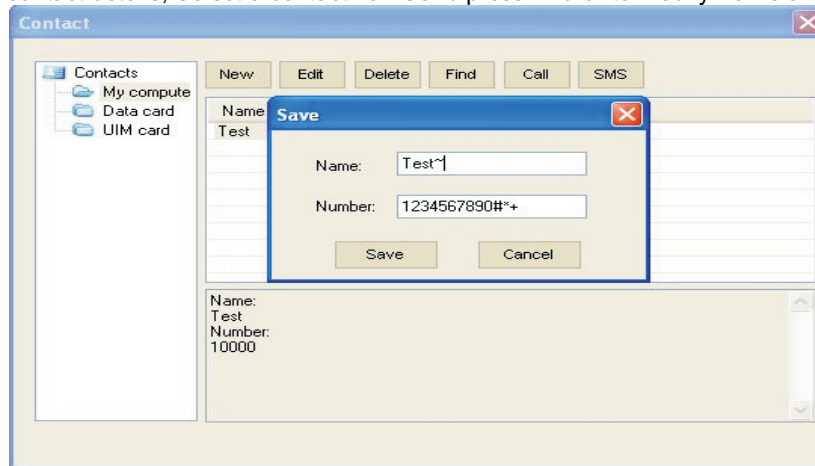
5. Contact:

Click on **<Contact>** icon  to create, edit & delete contacts. User can select the location to save the contacts like R-UIM card, Data Card or PC.

¾ To create new contacts select **<New>**, Input the Name & Number then press save.



- ¾ To Edit the contact details, Select a contact name and press **<Edit>** to modify Name and Number.



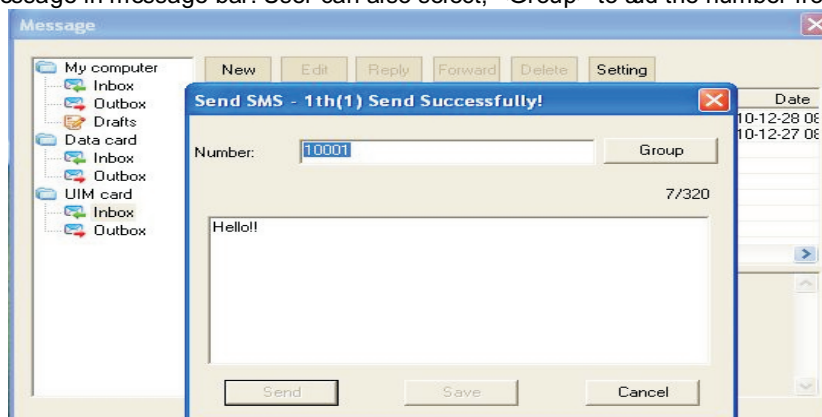
- ¾ To Delete a contact, Select the contact and press **<Delete>**. A window will pop up to confirm the Delete action. Select "Yes" to Delete and "No" to Cancel.



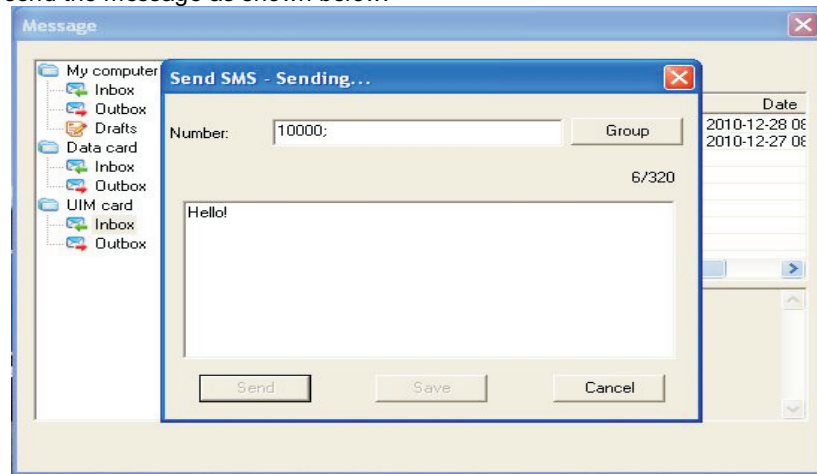
6. Message:

Click on **<Message>** icon  to enter **<Message>** details.

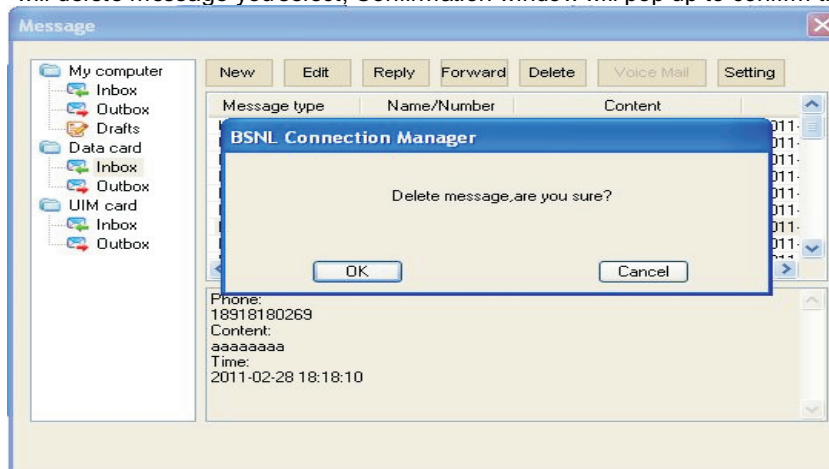
- ¾ To create / send a new message, press **<New>** button to create a new message. Enter the number in **<number>** bar and message in message bar. User can also select, **<Group>** to add the number from contact list.



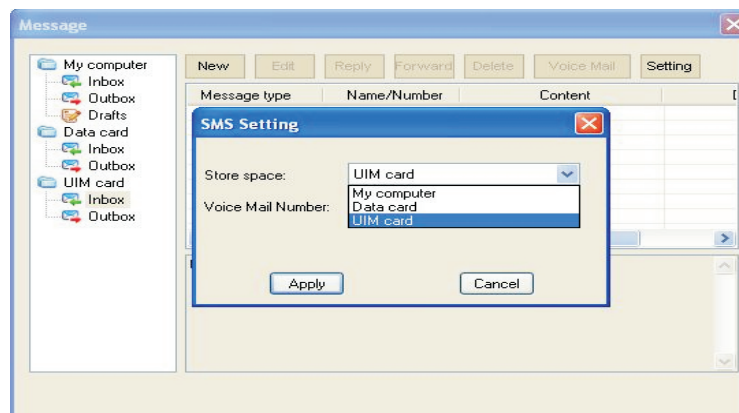
Press **<Send>** to send the message as shown below.




- 2). Select "Inbox" to view the messages received. one message in inbox, Press "Reply" to reply the message or "Forward" to forward the message to others.
- 3). Press **<Delete>** will delete message you select; Confirmation window will pop up to confirm the message deletion. .



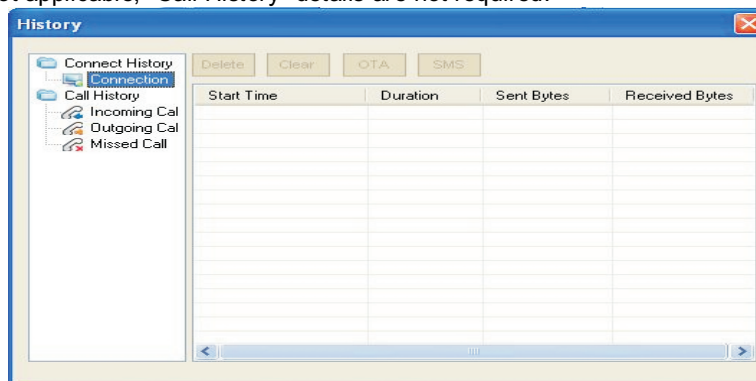
- 4). Press **<Setting>** to select message storage location like in Computer, Data card or UIM card. Press **<Apply>** to save The selection.




7. History

Click on **<History>** icon  to check data usage history. Select **<Delete>** to delete the history details one by one or select **<Clear>** to delete/clear all the history.

NOTE: As voice is not applicable, "Call History" details are not required.

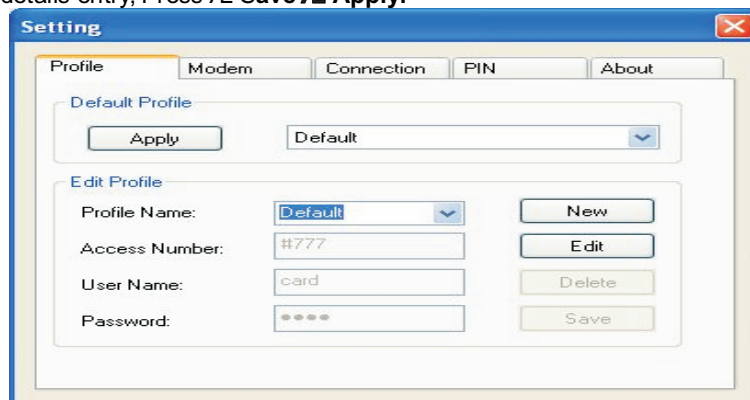


8. Setting:

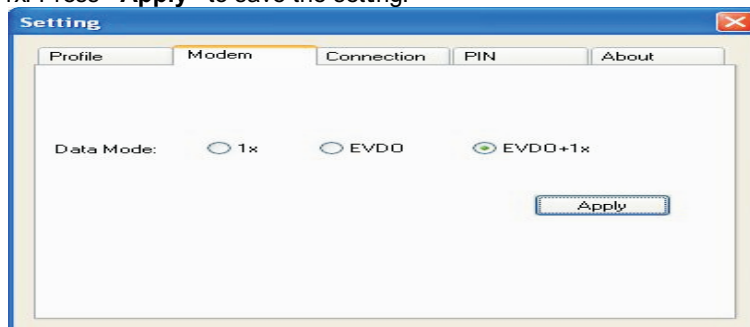
- 1). Press on **<Setting>** icon , to check the options of Profile, Modem Operation, Connection Type, PIN Modification and About (Details of software/hardware).

Profile: Press **<Edit/New>** to add or modify the Profile Name / Access Number / User Name / Password.

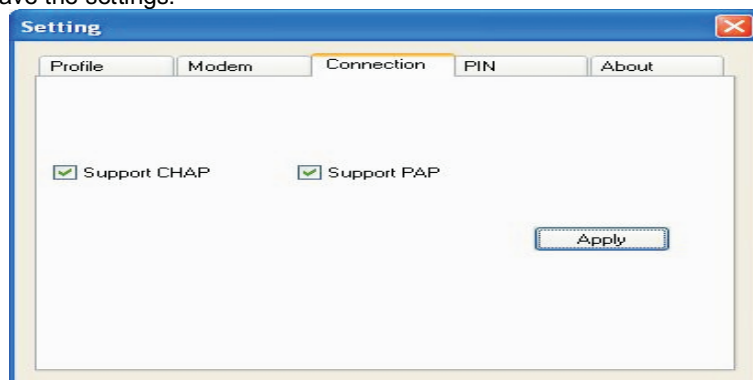
On completion of details entry, Press **Æ Save Æ Apply**.



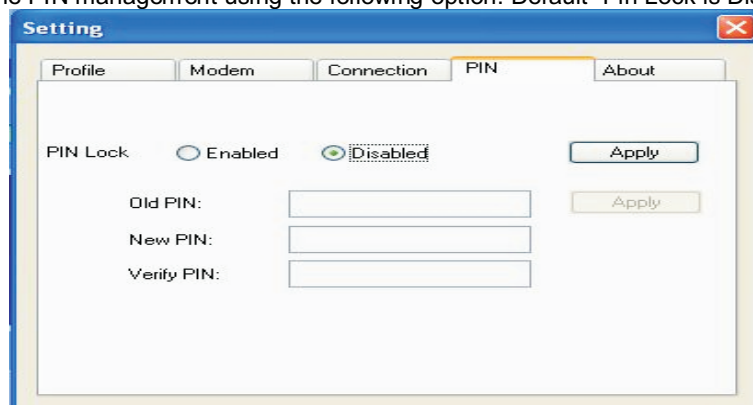
- 2). Select **<Modem>** option to view the different operating modes. User can select the data operating mode as 1x, EVDO or EVDO+1x. Press **<Apply>** to save the setting.



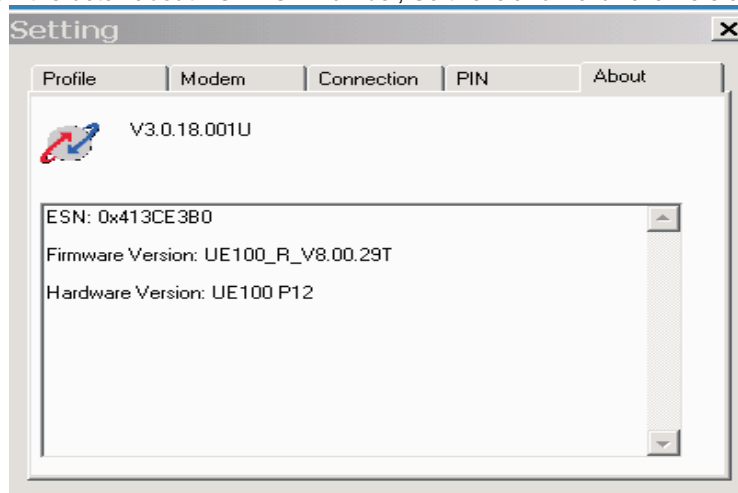
- 3). Press **<Connection Setting>**, to select authentication type. User can select “Support CHAP” or “Support PAP”. Then Press **<Apply>** to save the settings.



- 4). User can manage the PIN management using the following option. Default “Pin Lock” is Disabled.

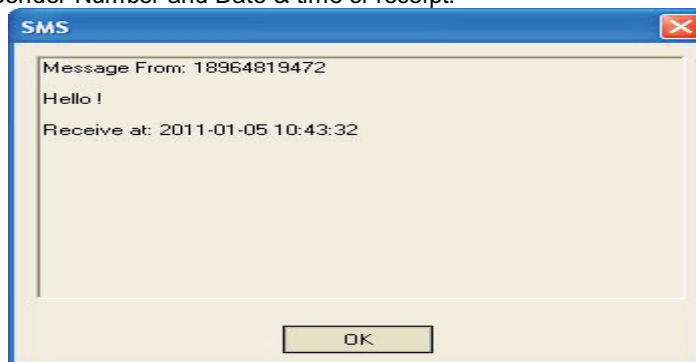


- 5). Press **<About>**, to view the detail about BSN ESN Number, Software and Hardware Versions of EVDO USB Modem.




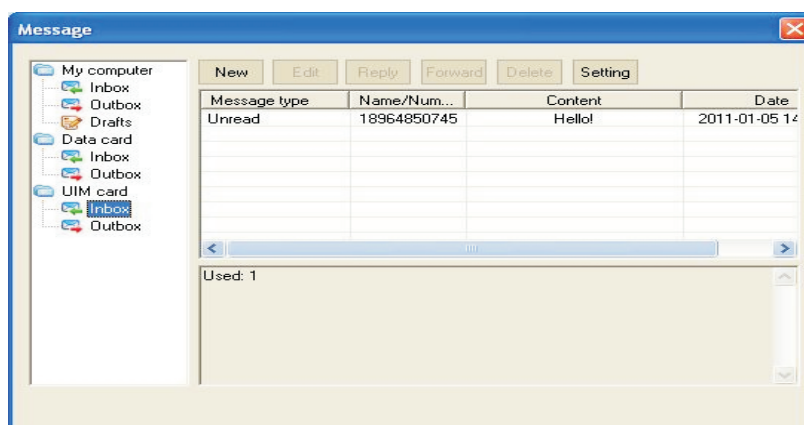
9. How to receive a message:

When a new message is received, the following pop up message appears on the screen. Window consists of Message content, Sender Number and Date & time of receipt.



NOTE:

- ¾ User can also press message icon  to check new messages in inbox. User will find both read and unread messages.
- ¾ On selecting the new message, unread will change to read and user can see the detailed information about this message

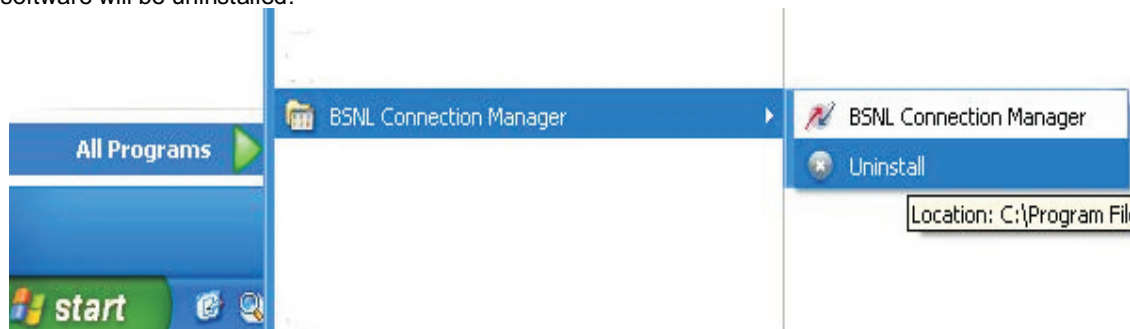


10. LED Indication Status:

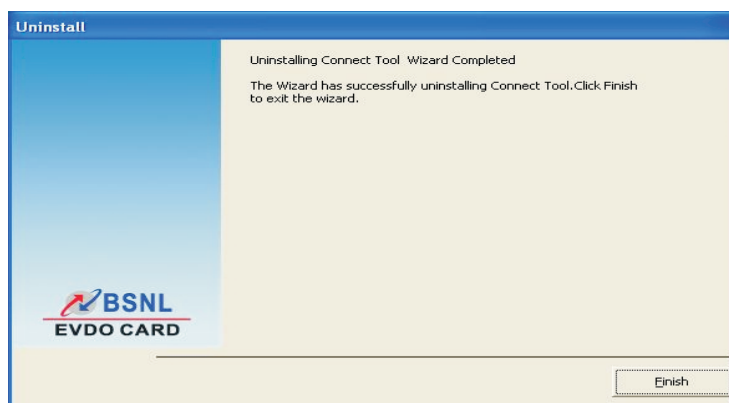
| Status | LED Indications |
|-----------------------|-----------------|
| Searching for Network | Blinking |
| Registered to Network | Continuously ON |
| Data Connected | Continuously ON |
| No Network | Off. |

6. Uninstalling the software

1. Close BSNL Connection Manager, go to Start Æ Programs Æ BSNL Connection Manager, Click uninstall, and the software will be uninstalled.



2. You can also uninstall the BSNL Connection Manager as follows:
Go to Control Panel Æ Add or Remove Programs, find BSNL Connection Manager and click Remove to uninstall the program.



Press "Finish" to complete Uninstalling.

Do's and Don'ts of UE100 EVDO USB Modem



Prithvi

- Do not attempt to open the data card.
- Do not drop, Knock or shake.
- Do not install under direct sunlight.
- Do not touch the data card with wet hands.
- Do not stop or remove the data card during installation.
- Close "Bsnl Connection Manager" before removing the data card.
- Select "Safely Remove Hardware" option before removing data card from PC / Laptop.
- Do not remove the data card when connected to internet.
- Use only Bsnl RUIM Card.
- Insert the RUIM card in proper direction.
- Insert the MicorSD card in proper direction.